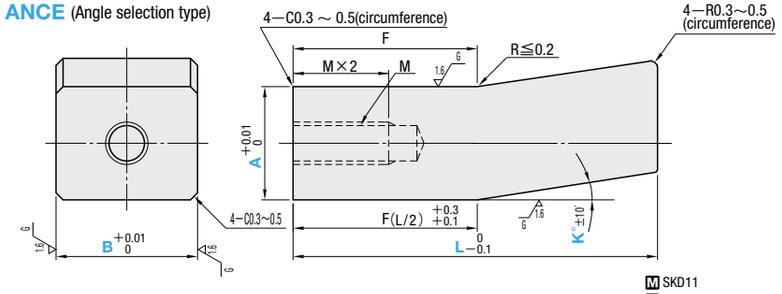
ANGULAR CAMS

—ANGLE SELECTION TYPE / ANGLE DESIGNATION TYPE—

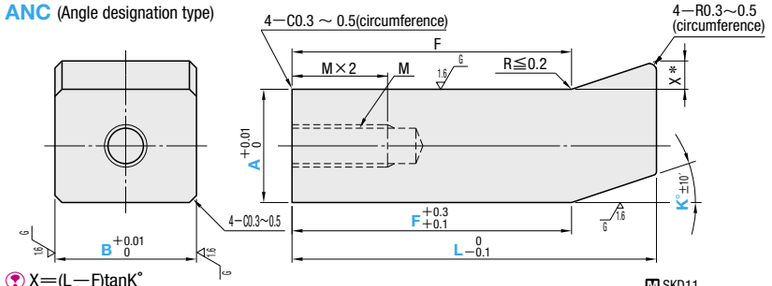
Non JIS material definition is listed on P.1351 - 1352

RoHS

ANCE (Angle selection type)



ANC (Angle designation type)



X=(L—F)tanK°

⊗ Manufacturing of X≧20 not possible.

■Angle Selection Type

M×Pitch	Part Number Type	A	B		L					K°		
M6×1.0	ANCE	10	10	15	30	40	60	80		15	18	20
M8×1.25		15	10	15	30	40	60	80	100			

■Angle Designation Type

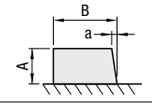
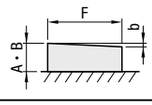
M×Pitch	Part Number Type	A	B					0.1mm increments L	0.1mm increments F	K° 1° increments
M6×1.0	ANC	10	10	15	20	25	30	20.0～ 80.0	15.0≦F≦L−10	10～25
M8×1.25		15	10					20.0～100.0		
				15				20.0～120.0		
					20	25	30	20.0～150.0		
		20		15				20.0～120.0		
					20	25	30	20.0～150.0		
		25			20	25	30			

Order

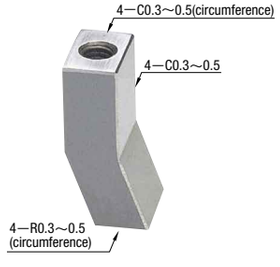
Part Number	B	L	F	K
ANCE10	B10	L30		K15
ANC10	B20	L50.0	F30.0	K20

Days to Ship: Quotation

■Precision Standard

Reference item	Outline	Allowable range
Squareness of A・B dimension		Squareness of B plane against the vertical direction of A plane. a≦0.02
Parallelism of A・B dimension		Parallelism between top and bottom planes in F direction referring to A or B plane. b≦0.02

■Finishing of corners

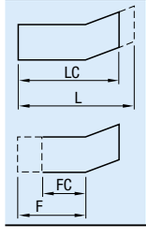


Price: Quotation

Alterations

Part Number	B	L	F	K	(GC・MC・LC・FC)
ANCE10	B10	L40		K20	LC38.6 — FC19.3
ANC15	B25	L80.0	F50.0	K20	GC25.0

Quotation

Alterations	Code	Spec.	1Code
	LC FC	Available for ANCE only. Cuts L and F dimension. LC and FC=0.1mm increments With FC, the overall length becomes shorter by (F—FC). However, the tap length remains unchanged. When LC is combined, the overall length becomes the same as LC.	Quotation

Designaton range of LC and FC

L	F	LC	FC
30	15	25.0～29.9	—
40	20	30.0～39.9	15.0～19.9
60	30	40.0～59.9	20.0～29.9
80	40	50.0～79.9	30.0～39.9
100	50	60.0～99.9	40.0～49.9

When LC and FC are combined :
LC≦L—(F—FC)
LC—FC≧10

Designation method
①When LC is used :
ANCE10—B10—L40—K20—LC38.6
②When FC is used :
ANCE10—B10—L40—K20—FC19.3
③When LC and FC are combined :
ANCE10—B10—L40—LC38.6—FC19.3

Alteration	Code	Spec.	1Code
	GC	Available for ANCE・ANC Adds a cut on the back. GC=0.1mm increments A≦GC≦{(L—F)tanK}+A	Quotation

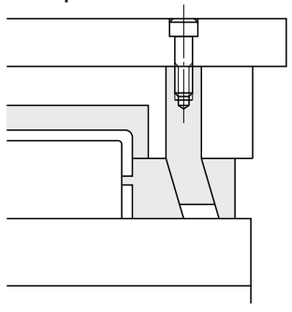
Alteration	Code	Spec.	1Code
	MC	Available for ANCE・ANC Changes the tap diameter from M8 to M6 for A dimensions of 15/20/25.	Quotation

■Features

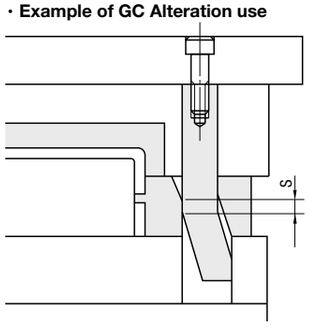
- Makes machining mold bases easier.
- Can also be used as a locking block when injection pressure is low.

Example

・Example of ANCE/ANC use



・Example of GC Alteration use



・Makes timing adjustment (S) for slide opening.